



Atty Dkt No. PP00048.252
2300-0048.05
PATENT

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12/1/03 David M. Walker
DATE NAME

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

CHAPMAN et al.

Serial No.: CON of 10/256,849 Group Art Unit: Unassigned

Filing Date: on even date Examiner: Unassigned

Title: PROTEIN COOMPLEXES HAVING FACTOR VIII:C ACTIVITY AND
 PRODUCTION THEREOF

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97**

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

The information listed on the attached PTO-1449 forms may be material to the examination of the above-identified application. A completed Form PTO-1449 listing the references identified below accompanies this paper.

All references are of record, or have been submitted in related application serial number 10/256,849 from which the present application claims priority under 35 U.S.C. §120. Thus, pursuant to C.F.R. §1.98(d), copies of the references are not included.

Applicants would appreciate the Examiner's initialing and returning the form to indicate that the references have been reviewed and made of record in the present application.

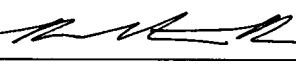


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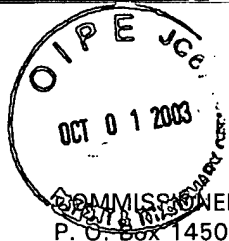
This Information Disclosure Statement under 37 CFR § 1.97 is not to be construed as a representation that: (i) a search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

Respectfully submitted,

Date: 12/1/03

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FORM PTO-1449 (Modified)
LIST OF PATENTS AND PUBLICATIONS
FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)
Sheet 1 of 4

In the Application of CHAPMAN et al.

Serial No.: CON of 10/256,849

Art Unit: Unassigned

Filed: even date herewith

Examiner: Unassigned

Title: PROTEIN COMPLEXES HAVING FACTOR VIII:C ACTIVITY AND PRODUCTION THEREOF

U.S. PATENT DOCUMENTS

Exam. Init.	Ref. Desig.	Document No.	Date	Name	Class	Sub Class	Filing Date
	AA-1	4,657,894	April 14, 1987	Zimmerman et al.			
	AB-1	4,757,006	July 12, 1988	Toole et al.			
	AC-1	4,868,112	Sept. 19, 1989	Toole, Jr.			
	AD-1	4,965,199	October 23, 1990	Capon et al.			
	AE-1	5,004,804	April 2, 1991	Kuo et al.			
	AF-1	5,045,455	Sept. 3, 1991	Kuo et al.			
	AG-1	5,084,390	January 28, 1992	Hallewell			
	AH-1	5,149,637	Sept. 22, 1992	Scandell et al.			
	AI-1	5,171,844	December 15, 1992	van Ooyen et al.			
	AJ-1	5,198,349	March 30, 1993	Kaufman			
	AK-1	5,541,521	Sept. 19, 1995	Kaufman et al.			

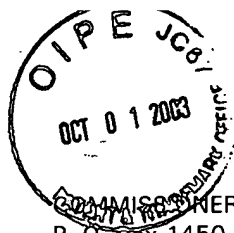
FOREIGN PATENT DOCUMENTS

Exam. Init.	Ref. Desig.	Document No.	Publication Date	Country or Patent Office	Class	Sub Class	Translation YES NO	
	AL-1	0120694	October 3, 1984	EP				

Examiner:

Date Considered:

EXAMINER: Initial if citation considered whether or not the citation conforms with MPEP609. Draw a line through the citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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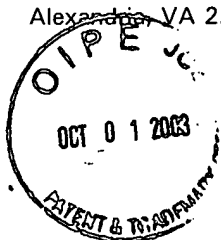
Exam. Init.	Ref. Desig.	Document No.	Publication Date	Country or Patent Office	Class	Sub Class	Translation	
							YES	NO
	AM-1	0150735	August 7, 1985	EP				
	AN-1	0160457	November 6, 1985	EP				
	AO-1	0182448	May 28, 1986	EP				
	AP-1	0232112	August 12, 1987	EP				
	AQ1	0251843	January 7, 1988	EP				
	AR-1	0253455	January 20, 1988	EP				
	AS-1	0254076	January 27, 1988	EP				
	AT-1	0265778	May 4, 1988	EP				
	AU-1	0306968 A2	March 15, 1989	EP				
	AV-1	0351386	January 17, 1990	EP				
	AW-1	0534383 A2	March 31, 1993	EP				
	AX-1	WO 85/01961	May 9, 1985	PCT				
	AY-1	WO 87/07144	December 3, 1987	PCT				
	AZ-1	WO 88/00831	February 11, 1988	PCT				
	BA-1	WO 88/03558	May 19, 1988	PCT				
	BB-1	WO 88/08035	October 20, 1988	PCT				
	BC-1	WO 91/09122	June 27, 1991	PCT				
	BD-1	WO 92/07573	May 14, 1992	PCT				
	BE-1	WO 92/07943	May 14, 1992	PCT				

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Exam. Init.	Ref. Desig.	Document No.	Publication Date	Country or Patent Office	Class	Sub Class	Translation YES NO	
	BF-1	WO 92/16557	October 1, 1992	PCT				
	BG-1	WO 94/29471	December 22, 1994	PCT				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Exam. Init.	Ref. Desig.	Description
	BH-1	Burke et al. "The functional domains of coagulation factor VIII:C" (1986) <i>J. Biol. Chem.</i> <u>261</u> :12574-12578
	BI-1	Eaton et al. "Construction and characterization of an active factor VIII variant lacking the central one-third of the molecule" (1986) <i>Biochemistry</i> <u>25</u> :8343-8347
	BJ-1	Fulcher et al. "Human factor VIII procoagulant protein: Monoclonal antibodies define precursor-product relationships and functional epitopes" (1985) <i>J. Clin. Invest.</i> <u>76</u> :117-124
	BK-1	Gitschier et al. "Characterization of the human factor VIII gene" (1984) <i>Nature</i> <u>312</u> :326-330
	BL-1	Kaufman et al., "Site-specific Mutagenesis to Study the Structure and Function of Factor-VIII," <i>J. of Cellular Biochemistry</i> , Abstract E112, p. 275 (1986)
	BM-1	Nordfang et al. "Generation of active coagulation factor VIII from isolated subunits" (1988) <i>J. Biol. Chem.</i> <u>263</u> :1115-1118
	BN-1	Orr et al. "'Spacer' function implied for the heavily glycosylated region of factor VIII" (1985) <i>J. Inter. Soc. Throm. Hemo.</i> <u>54</u> :S321 (abstract)
	BO-1	Rotblat et al. "Purification of human factor VIII:C and its characterization by western blotting using monoclonal antibodies" (1985) <i>Biochemistry</i> <u>24</u> :4294-4300

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Exam. Init.	Ref. Desig.	Description
	BP-1	Toole et al., "A large region (\approx 95 kDa) of human factor VIII is dispensable for in vitro procoagulant activity" (1986) <i>Proc. Natl. Acad. Sci. USA</i> <u>83</u> :5939-5942
	BQ-1	Toole et al. "Molecular cloning of a cDNA encoding human antihaemophilic factor" (1984) <i>Nature</i> <u>312</u> :342-347
	BR-1	Truett et al. "Characterization of the polypeptide composition of human factor VIII:C and the nucleotide sequence and expression of the human kidney cDNA" (1985) <i>DNA</i> <u>4</u> :333-349
	BS-1	Vehar et al. "Structure of human factor VIII" (1984) <i>Nature</i> <u>312</u> :337-342
	BT-1	Wood et al. "Expression of active human factor VIII from recombinant DNA clones" (1984) <i>Nature</i> <u>312</u> :330-337
	BU-1	Yonemura et al. "Efficient production of recombinant human factor VIII by co-expression of the heavy and light chains" (1993) <i>Protein Engineering</i> Vol. 6, No. 6, pp. 669-674

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